

FIGURE 1

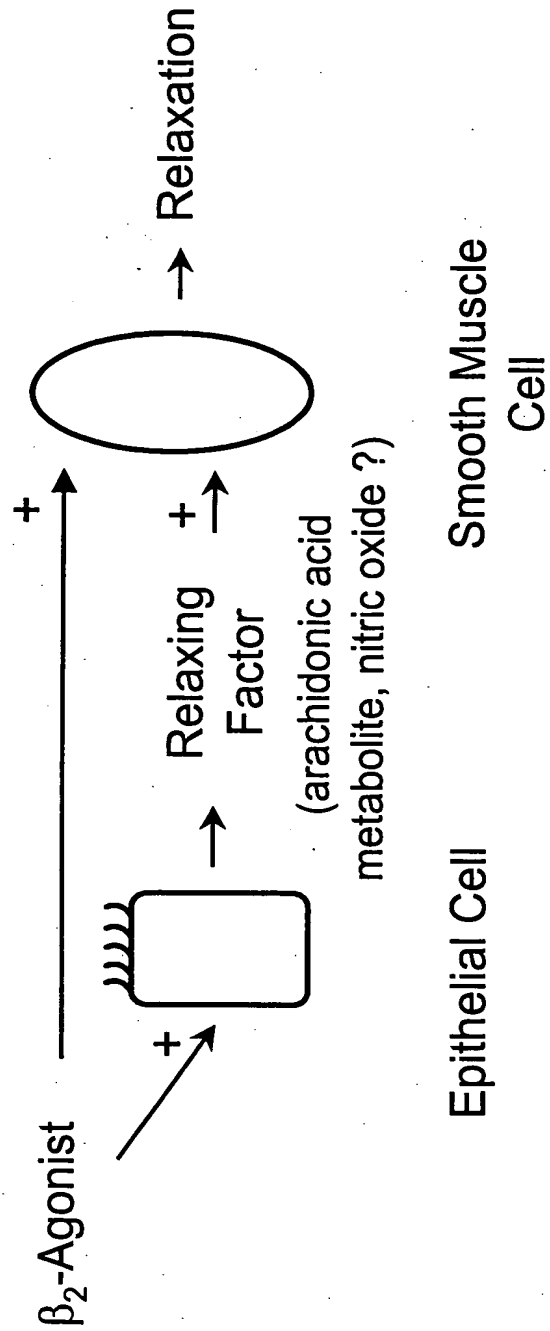
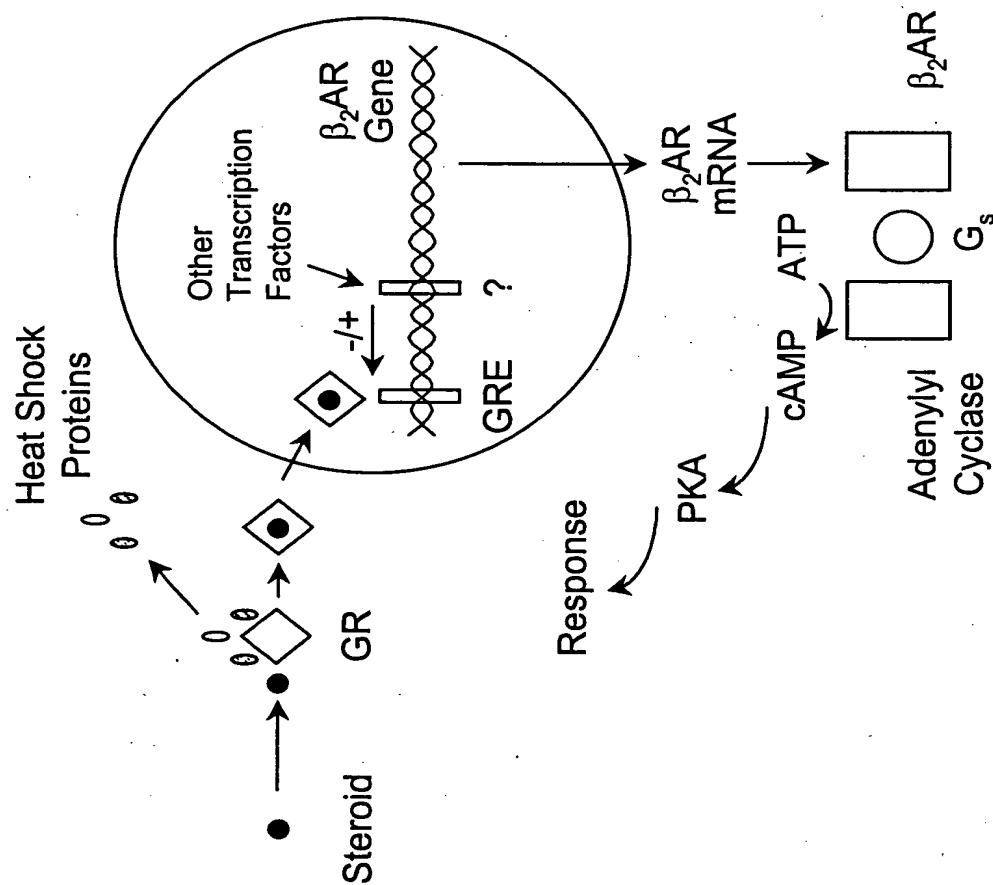


FIGURE 2



**FIGURE 3**

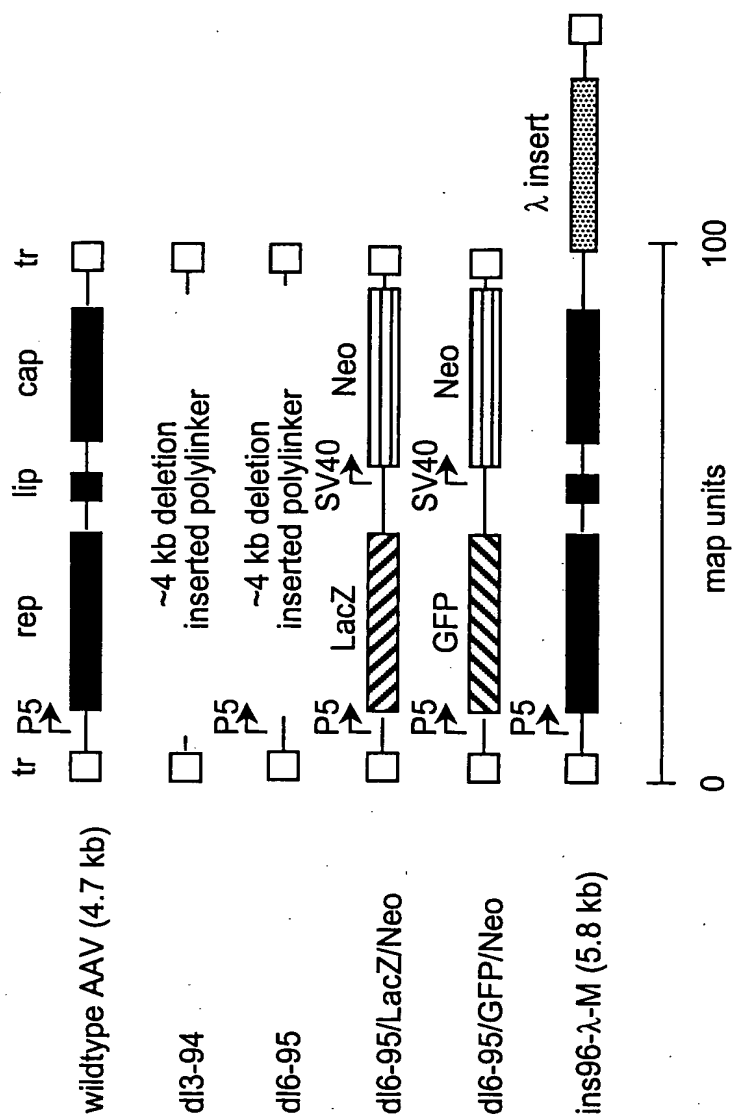
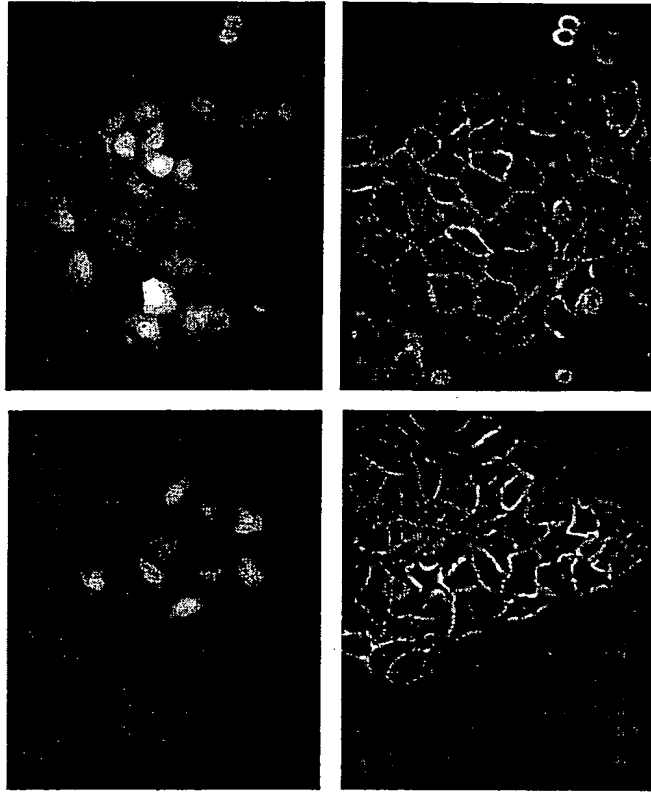


FIGURE 4

Title: Recombinant  $\beta_2$ -Adrenergic Receptor  
elivery and Use in Treating Airway and Vascular  
Diseases

Inventor(s): Lawrence E. Cornett et al.

DOCKET NO.: 023533/0113



**FIGURE 5**

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FIG. 6

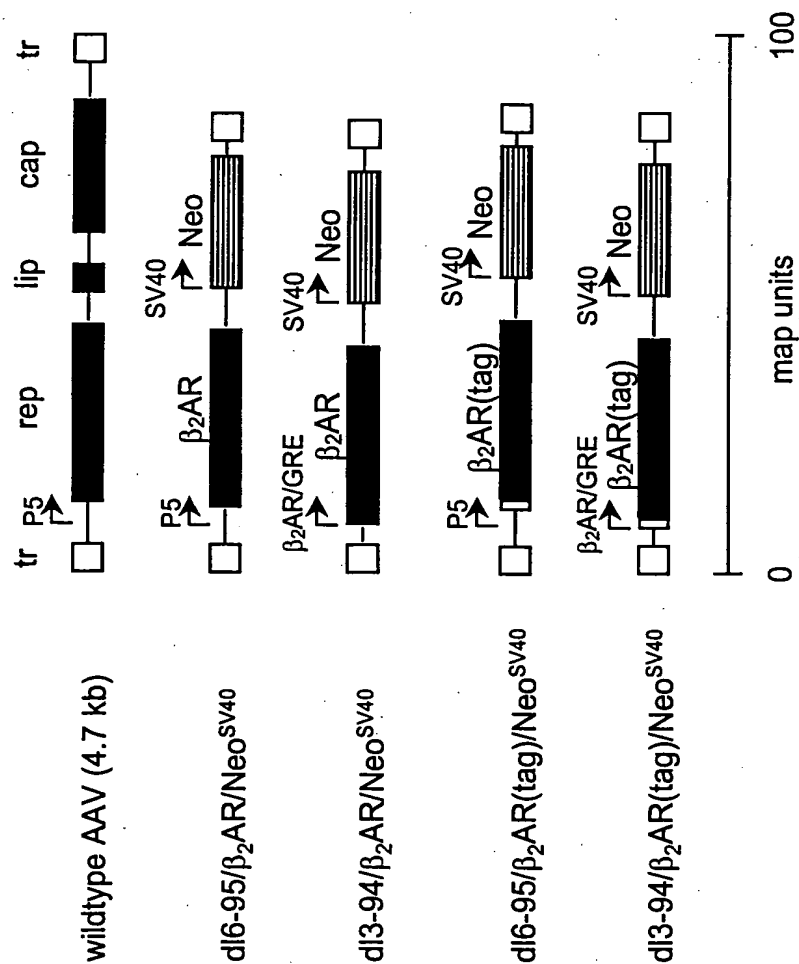


FIGURE 6

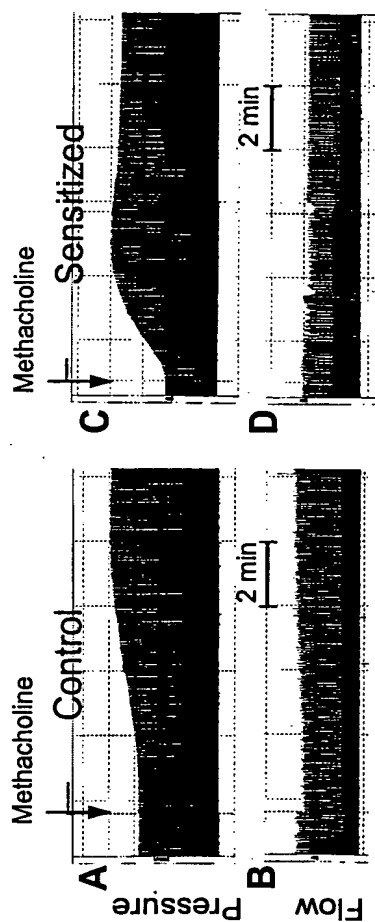
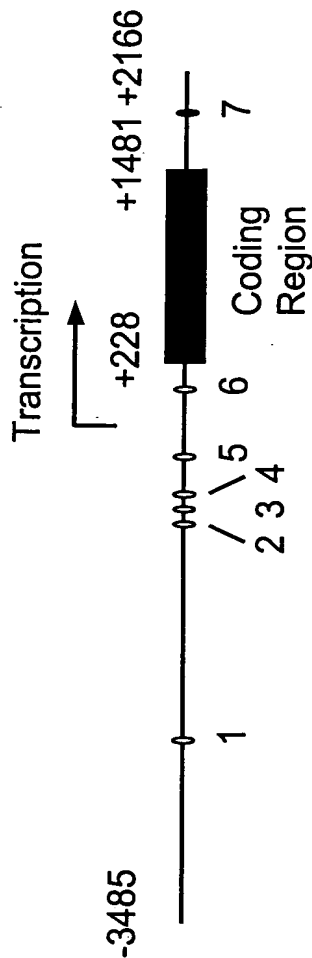


FIGURE 7



Glucocorticoid Response Element	Location in $\beta_2$ AR Gene	Sequence	Identity With Consensus GRE
GRE <sub>1</sub>	-2229/-2215	<u>CGAGTAacgTGTTC</u>	8/12
GRE <sub>2</sub>	-803/-789	<u>TTGCC</u> TgcaTGTTC	7/12
GRE <sub>3</sub>	-759/-745	<u>TTCA</u> CCaagTGTTC	7/12
GRE <sub>4</sub>	-720/-706	<u>CACCTC</u> ctgTGTTC	6/12
GRE <sub>5</sub>	-373/-359	<u>GGTG</u> AgctTGTTC	9/12
GRE <sub>6</sub>	+52/+66	<u>GCACCC</u> acgAGCTCA	5/12
GRE <sub>7</sub>	+1914/+1929	<u>AATATC</u> ctgTGTTC	8/12
Consensus		GGTACAnnnTGTTC	

FIGURE 8



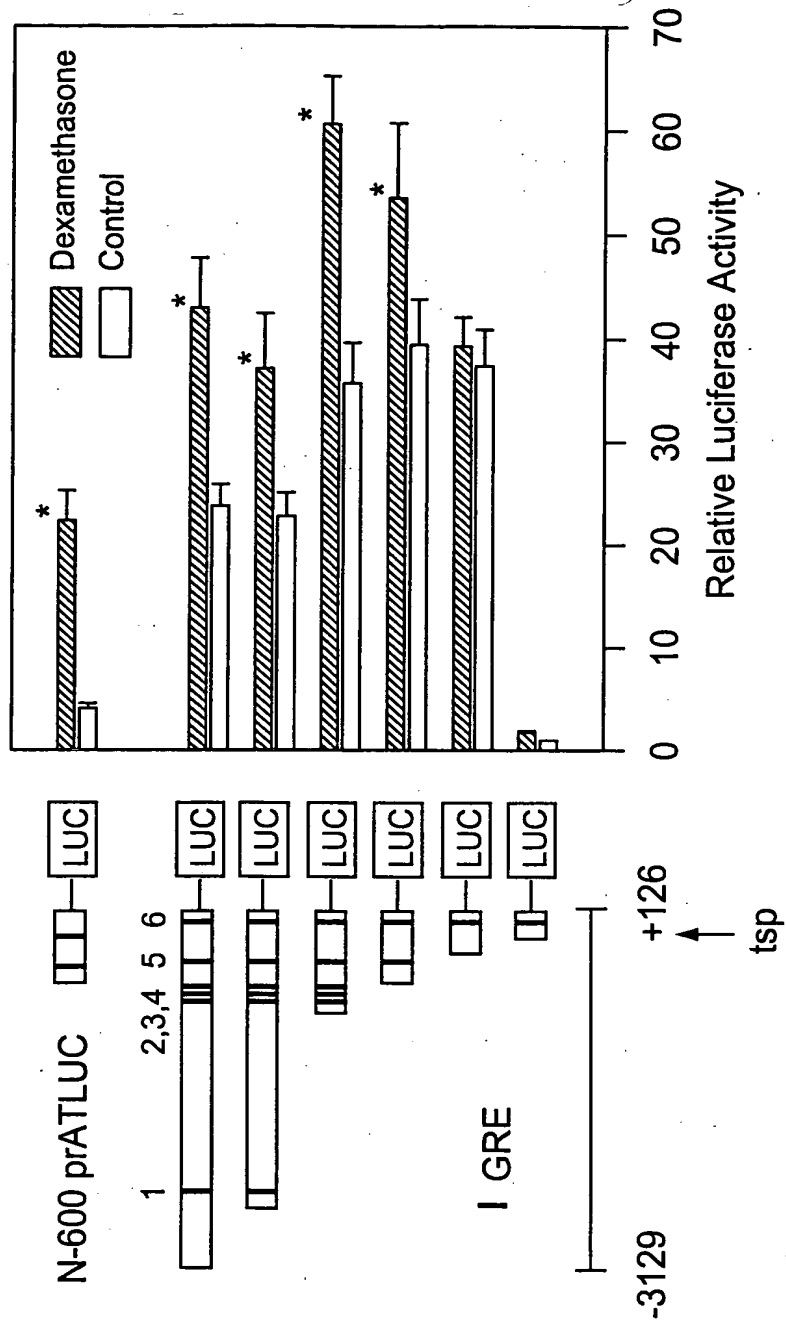


FIGURE 9

Oligonucleotides	Sequence
GRE <sub>5</sub>	AGCTTCGTGTCCGGGTGAGCTTGTTCTTTCTGTTA
m1GRE <sub>5</sub>	CCGGGCGTGTCCGGGTGAGCTTATTCTTTCTGTTC
GRE <sub>1</sub>	AGCTTGAGGCAACGAGTAACGTGTTCTAAATGAGA
MMTV GRE	AGCTTGTTTTTGTTACAACTGTTCTTAAAACGA
Random Oligonucleotide	AGCTTGTTGTGTGTGTTTTATTCCTGTTTGGCAAGA

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**FIGURE 10**

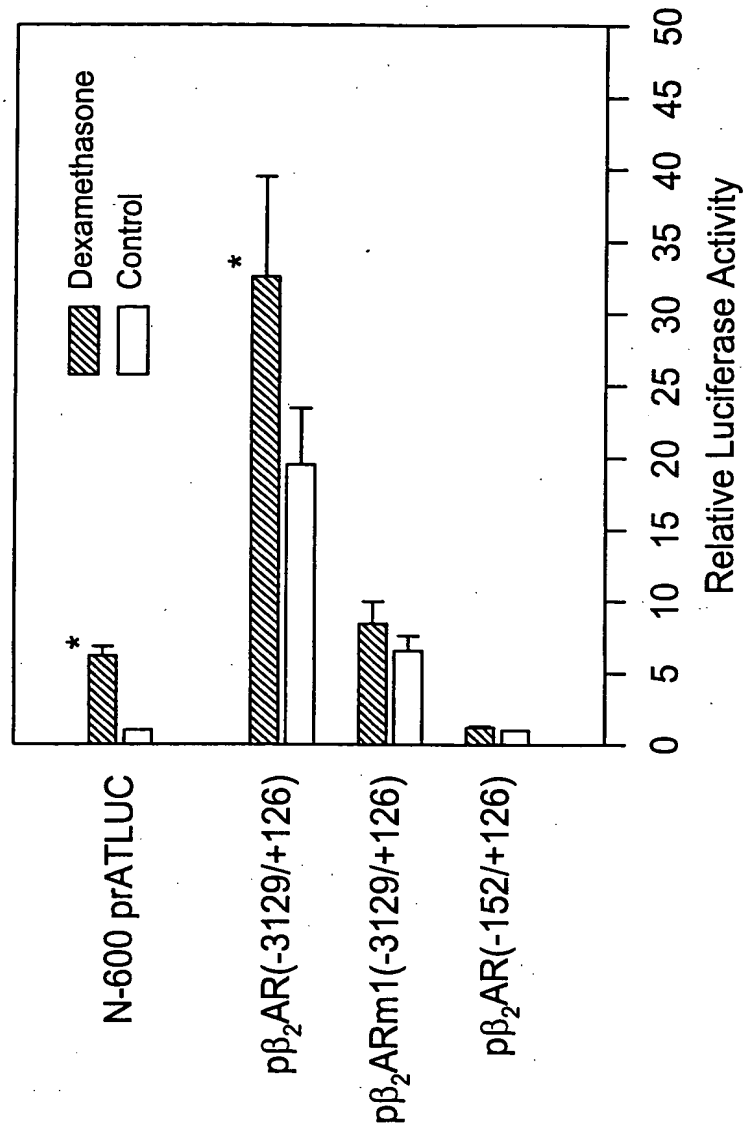


FIGURE 11

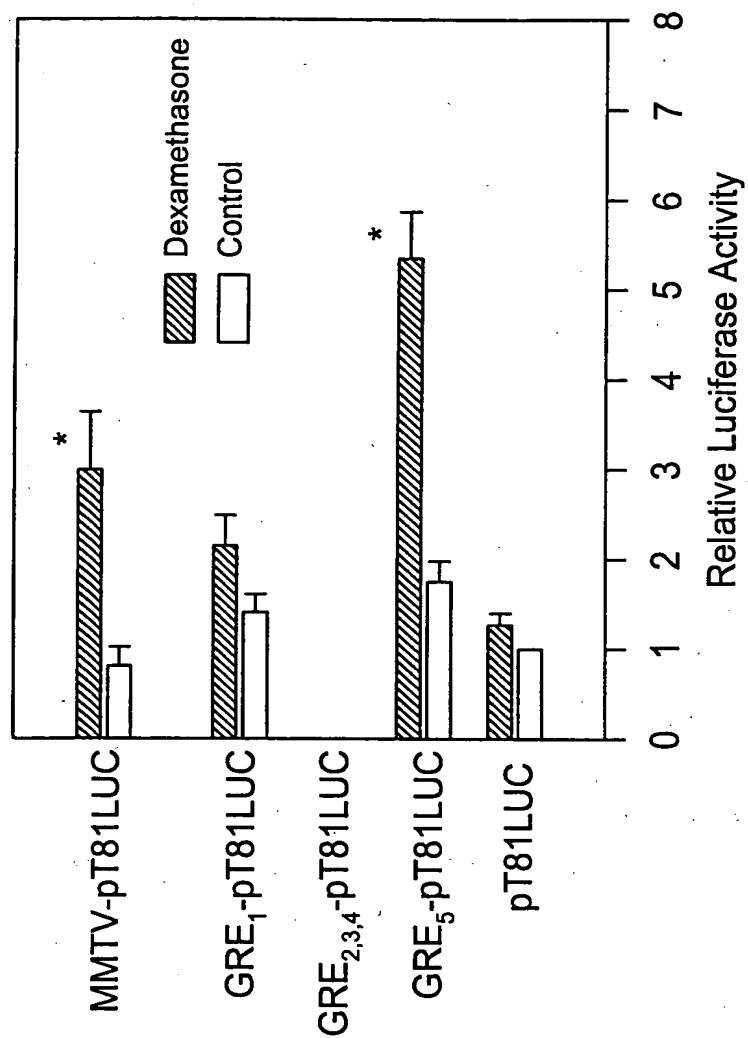


FIGURE 12

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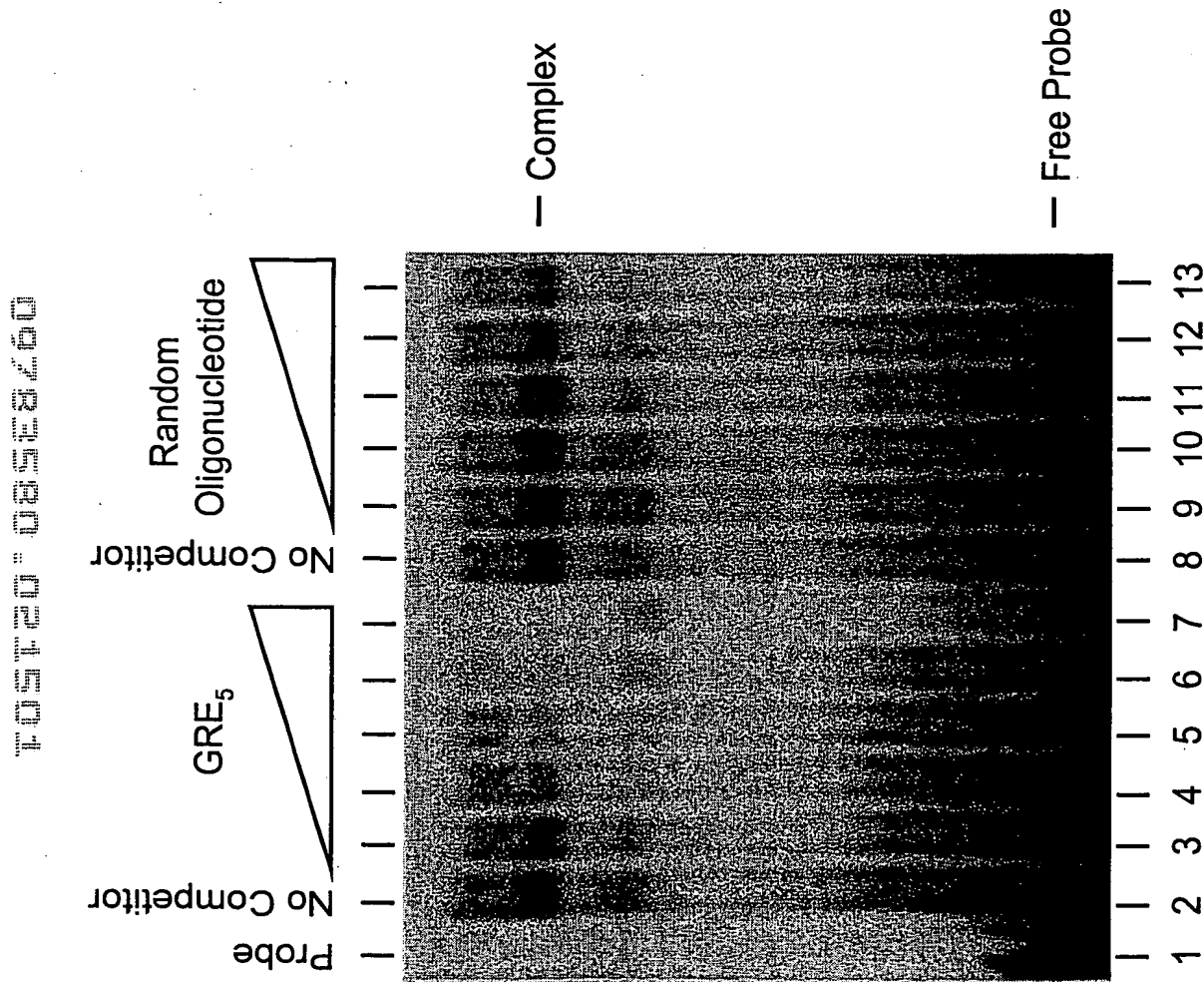


FIGURE 13

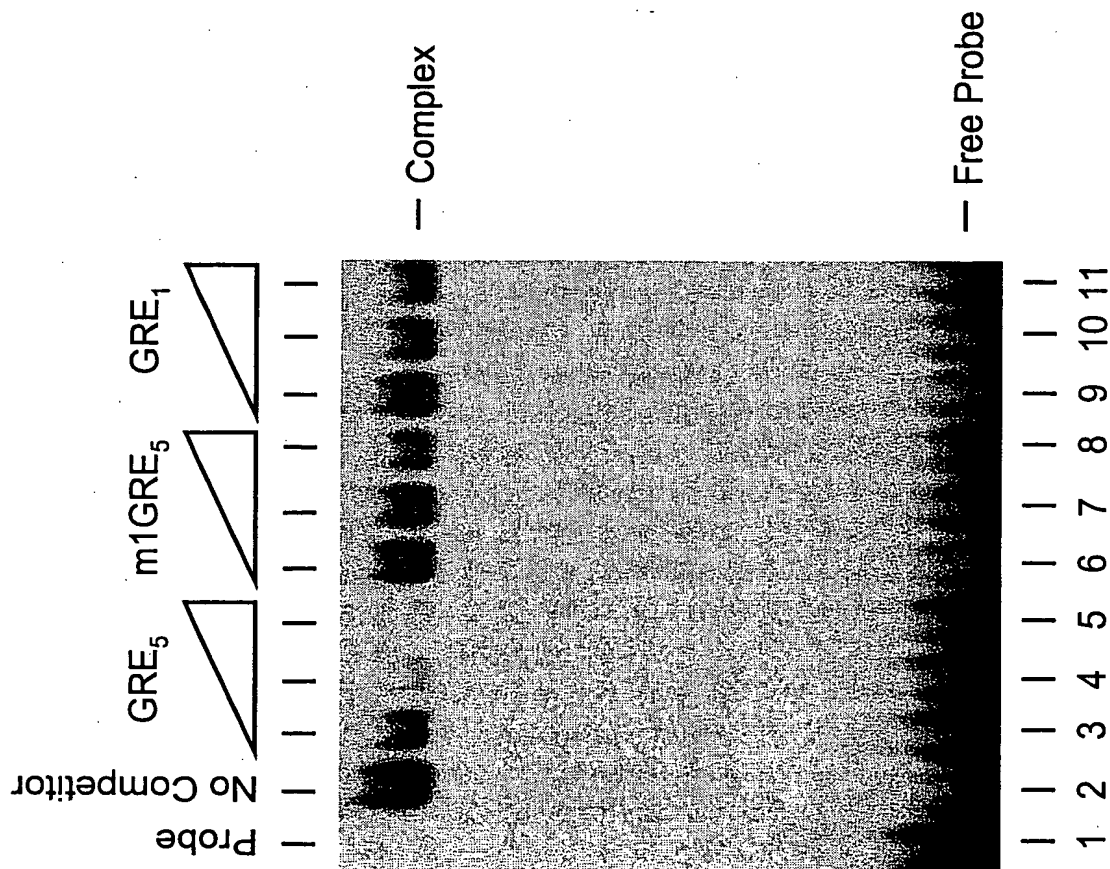


FIGURE 14

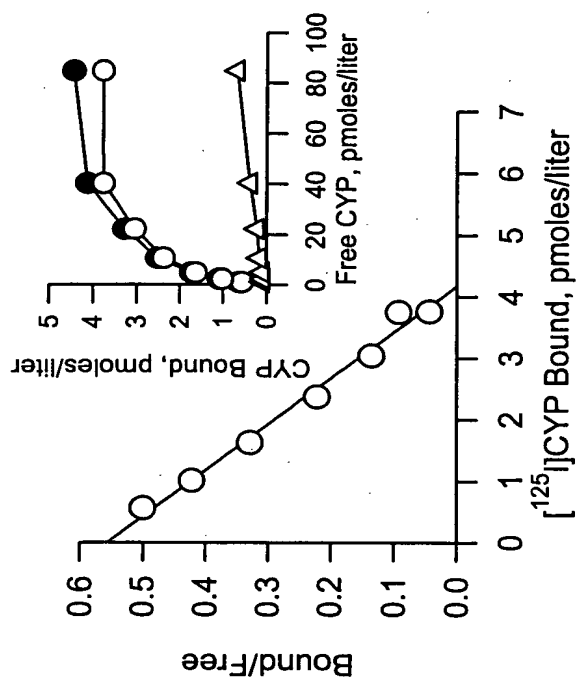


FIGURE 15

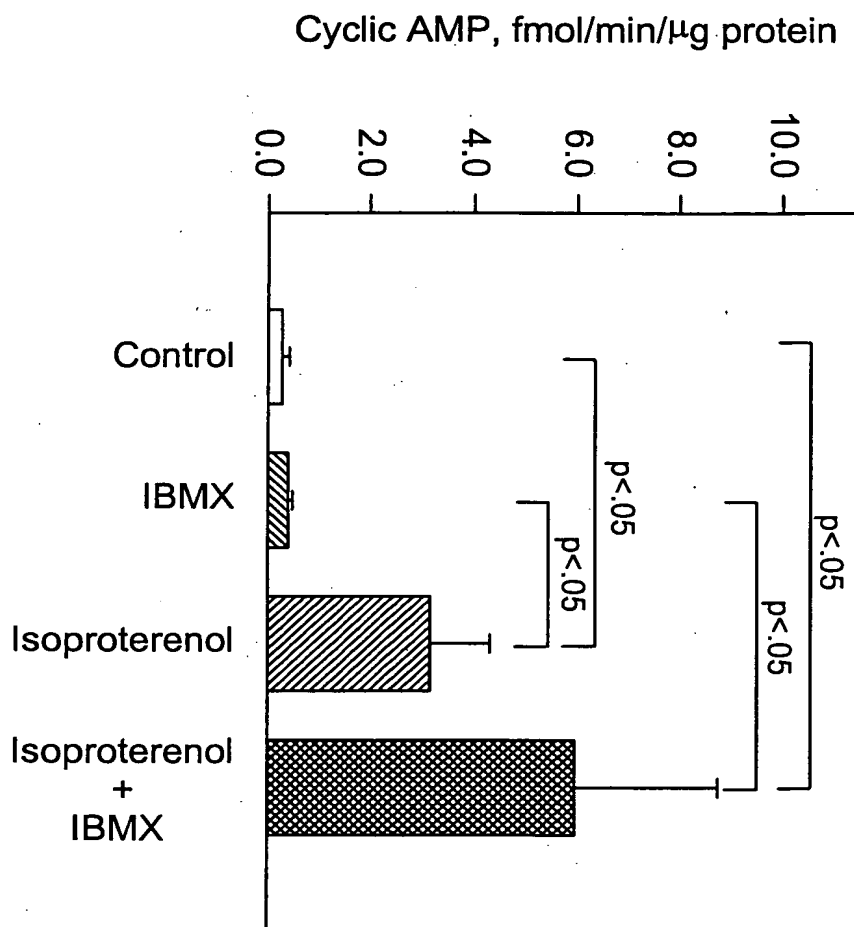


FIGURE 16



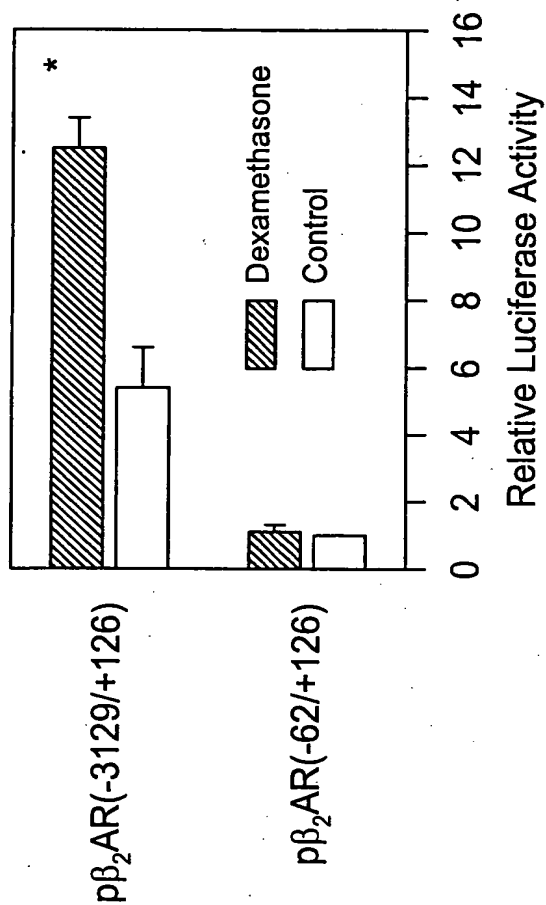


FIGURE 17

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